Splunk

Exam Questions SPLK-5001

Splunk Certified Cybersecurity Defense Analyst

NEW QUESTION 1
Which of the following is a correct Splunk search that will return results in the most performant way?

A. index=foo host=i-478619733 | stats range(_time) as duration by src_ip | bin duration span=5min | stats count by duration, host
B. | stats range(_time) as duration by src_ip | index=foo host=i-478619733 | bin duration span=5min | stats count by duration, host
C. index=foo host=i-478619733 | transaction src_ip |stats count by host
D. index=foo | transaction src_ip |stats count by host | search host=i-478619733

Answer: A

Explanation:
The correct Splunk search that returns results in the most performant way is index=foo host=i-478619733 | stats range(_time) as duration by src_ip | bin duration span=5min | stats count by duration, host. This search is optimized by:
? Starting with the most specific search criteria (index and host) to reduce the data set.
? Applying aggregation functions (stats) early, which helps minimize the amount of data processed in subsequent commands.
? Usingbinto group data efficiently before performing further statistical calculations.
? Search Optimization:
? Performance Considerations:
? Splunk Search Documentation:The official Splunk documentation provides guidelines on how to construct efficient searches, including the best practices for usingstats,bin, and indexing.
? Splunk Performance Tuning Guides:These guides offer in-depth advice on optimizing searches for speed and efficiency, with examples of common pitfalls and how to avoid them.

NEW QUESTION 2
Which search command allows an analyst to match whatever is inside the parentheses as a single term in the index, even if it contains characters that are usually recognized as minor breakers such as periods or underscores?

A. CASE()
B. LIKE()
C. FORMAT ()
D. TERM ()

Answer: D

Explanation:
TheTERM()search command in Splunk allows an analyst to match a specific term exactly as it appears, even if it contains characters that are usually considered minor breakers, such as periods or underscores. By usingTERM(), the search engine treats everything inside the parentheses as a single term, which is especially useful for searching log data where certain values (like IP addresses or filenames) should be matched exactly as they appear in the logs.

NEW QUESTION 3
Which of the following is not considered an Indicator of Compromise (IOC)?

A. A specific domain that is utilized for phishing.
B. A specific IP address used in a cyberattack.
C. A specific file hash of a malicious executable.
D. A specific password for a compromised account.

Answer: D

Explanation:
Indicators of Compromise (IOCs) are artifacts that are used to identify potential malicious activity within a network or system. Common IOCs include domains, IP addresses, and file hashes that are associated with malicious activity. However, a specific password, while potentially sensitive, is not typically considered an IOC because it is more of a credential than an artifact indicating a compromise. IOCs are used to detect and respond to threats, while compromised credentials are a result of those threats.

NEW QUESTION 4
Which of the following is a best practice when creating performant searches within Splunk?

A. Utilize the transaction command to aggregate data for faster analysis.
B. Utilize Aggregating commands to ensure all data is available prior to Streaming commands.
C. Utilize specific fields to return only the data that is required.
D. Utilize multiple wildcards across fields to ensure returned data is complete and available.

Answer: C

Explanation:
When creating performant searches in Splunk, it is a best practice to utilize specific fields to return only the data that is required. This approach minimizes the amount of data processed and speeds up search performance. By explicitly specifying the fields of interest using commands likefields, you reduce the overhead on Splunk??s processing engine, leading to faster and more efficient queries. In contrast, using wildcards or overly broad searches can lead to slower performance due to the increased data volume being processed.
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NEW QUESTION 5
An analyst is investigating a network alert for suspected lateral movement from one Windows host to another Windows host. According to Splunk CIM documentation, the IP address of the host from which the attacker is moving would be in which field?

A. host

B. dest
C. src_nt_host
D. src_ip

Answer: D

Explanation:
According to Splunk??s Common Information Model (CIM) documentation, when investigating network alerts, the IP address of the host from which an attacker is moving (source) is typically stored in thesrc_ipfield. Thehostfield generally refers to the name of the host that logged the event,destrefers to the destination IP, andsrc_nt_hostrefers to the NetBIOS name of the source host. Thesrc_ipfield is specifically used to denote the source IP address in the context of network communication, which is critical for tracing lateral movement.

NEW QUESTION 6
Which of the following is considered Personal Data under GDPR?

A. The birth date of an unidentified user.
B. An individual's address including their first and last name.
C. The name of a deceased individual.
D. A company's registration number.

Answer: B

Explanation:
Under the General Data Protection Regulation (GDPR), Personal Data is any information relating to an identified or identifiable natural person. An individual's address, combined with their first and last name, clearly identifies a person, making it Personal Data under GDPR. The other options provided do not meet the GDPR criteria for Personal Data: the birth date of an unidentified user does not identify a person, the name of a deceased individual is not covered under GDPR, and a company??s registration number pertains to an entity rather than a natural person.
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NEW QUESTION 7
An IDS signature is designed to detect and alert on logins to a certain server, but only if they occur from 6:00 PM - 6:00 AM. If no IDS alerts occur in this window, but the signature is known to be correct, this would be an example of what?

A. A True Negative.
B. A True Positive.
C. A False Negative.
D. A False Positive.

Answer: A

Explanation:
In the context of Intrusion Detection Systems (IDS), determining whether an event is a True Negative, True Positive, False Negative, or False Positive depends on the system's detection and the reality of the situation.
Let's break down the scenario: IDS Signature Explanation:
The IDS is set to detect and alert on logins to a server, but only if they happen during a specific time window, from 6:00 PM to 6:00 AM.
The question states that no alerts occur during this time frame, but the IDS signature is known to be correct.
Understanding Detection Terms:
True Positive: The IDS correctly detects an intrusion or suspicious activity that is actually happening.
True Negative: The IDS does not detect any activity because no suspicious or malicious activity is occurring, and this lack of detection is correct.
False Positive: The IDS detects an intrusion or activity, but it is a false alarm (i.e., there is no real threat).
False Negative: The IDS fails to detect a real intrusion or activity when it should have, missing a legitimate alert.
Applying the Scenario:
In this case, no IDS alerts occurred during the specified time frame. If there were no actual logins during this period and the signature was designed correctly, then the absence of alerts is expected and appropriate.
Since no suspicious logins occurred, and the IDS did not trigger any alerts, this situation represents a True Negative—the system correctly identified that there was no suspicious activity to alert on.
Why the Answer is "True Negative":
The IDS signature is working as expected.
The condition that would trigger an alert (logins during the specified time) did not happen, so the lack of alerts is a correct response.
Therefore, this is classified as a True Negative because no malicious activity took place, and the IDS correctly refrained from raising an alert.
Comparison to Other Options:
* B. True Positive – This would indicate that an alert occurred because of actual suspicious activity, but in this case, no alerts occurred.
* C. False Negative – This would mean that suspicious activity occurred, but the IDS failed to detect it. In this case, there was no activity to detect, so this option is not correct.
* D. False Positive – This would suggest the IDS raised an alert when no suspicious activity happened, but again, no alerts occurred, so this doesn??t apply.
References:
Cybersecurity analysts working with IDS systems frequently use concepts like True Negative and False Positive in evaluating the effectiveness of their detection tools.
The correct handling of such detection cases is critical to minimizing unnecessary alerts (False Positives) and ensuring real threats are not missed (avoiding False Negatives).

NEW QUESTION 8
In which phase of the Continuous Monitoring cycle are suggestions and improvements typically made?

A. Define and Predict
B. Establish and Architect
C. Analyze and Report
D. Implement and Collect

Answer: C

Explanation:
? Continuous Monitoring Cycle:This cycle is part of a broader security strategy that involves constantly assessing and managing the security state of an organization's information systems. The phases generally include defining metrics, collecting data, analyzing it, reporting findings, and implementing improvements.
? Analyze and Report Phase:
? Purpose of Recommendations:The goal of this phase is to ensure that the organization??s security measures are continuously improved based on the latest data and threat landscape. It is a critical step in maintaining an effective security program that adapts to new challenges.
? NIST SP 800-137:This publication provides guidelines on continuous monitoring of information systems, detailing the processes involved, including the Analyze and Report phase.
? Security Operations Center (SOC) Best Practices:Many SOC frameworks emphasize the importance of the Analyze and Report phase in

NEW QUESTION 9
When threat hunting for outliers in Splunk, which of the following SPL pipelines would filter for users with over a thousand occurrences?

A. | sort by user | where count > 1000
B. | stats count by user | where count > 1000 | sort - count
C. | top user
D. | stats count(user) | sort - count | where count > 1000

Answer: B

Explanation:
In Splunk, to filter users with over a thousand occurrences, the pipeline| stats count by user | where count > 1000 | sort - countis most effective. Thestats count by usercommand generates a count of occurrences for each user. Thewhereclause then filters out only those users who have more than 1000 occurrences. Finally,sort - countsorts the results in descending order by count. This approach is efficient for identifying outliers, such as users with a high number of events.

NEW QUESTION 10
An analyst investigates an IDS alert and confirms suspicious traffic to a known malicious IP. What Enterprise Security data model would they use to investigate which process initiated the network connection?

A. Endpoint
B. Authentication
C. Network traffic
D. Web

Answer: A

Explanation:
To investigate which process initiated a network connection, an analyst would use theEndpointdata model in Splunk Enterprise Security. The Endpoint data model contains fields related to processes, file activity, and host-level data, which are essential for tracing back the source of suspicious network activity to the specific process or application that initiated it. This is crucial for understanding the scope of an attack and determining the origin of malicious network traffic.
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NEW QUESTION 10
Which of the following is a best practice for searching in Splunk?

A. Streaming commands run before aggregating commands in the Search pipeline.
B. Raw word searches should contain multiple wildcards to ensure all edge cases are covered.
C. Limit fields returned from the search utilizing the cable command.
D. Searching over All Time ensures that all relevant data is returned.

Answer: A

Explanation:
In Splunk,streaming commandsprocess each event individually as it is passed through the search pipeline and should be placed beforeaggregating commands, which operate on the entire set of results at once. This best practice ensures efficient processing and minimizes resource usage, as streaming commands reduce the amount of data before aggregation occurs. This approach leads to faster and more efficient searches. In contrast, the other options, such as using wildcards excessively or searching over all time, can lead to performance issues and excessive data processing.

NEW QUESTION 12
A Cyber Threat Intelligence (CTI) team produces a report detailing a specific threat actor??s typical behaviors and intent. This would be an example of what type of intelligence?

A. Operational
B. Executive
C. Tactical
D. Strategic

Answer: C

Explanation:
Tactical intelligenceprovides insights into the specific behaviors, tools, and techniques used by threat actors. When a Cyber Threat Intelligence (CTI) team produces a report detailing a threat actor??s typical behaviors and intent, they are delivering tactical intelligence. This type of intelligence is actionable and directly supports defenders in identifying, mitigating, and responding to threats in a timely manner.
? Tactical Intelligence:
? Incorrect Options:
? CTI Frameworks:Standards such as the MITRE ATT&CK framework, which classify tactical intelligence within the spectrum of threat intelligence.

NEW QUESTION 17
Which of the following is a tactic used by attackers, rather than a technique?

A. Gathering information about a target.
B. Establishing persistence with a scheduled task.
C. Using a phishing email to gain initial access.
D. Escalatingprivileges via UAC bypass.

Answer: A

Explanation:
Tacticsare the overarching objectives or strategies attackers use during their operations, whiletechniquesare the specific methods used to achieve these tactics. In this case,gathering information about a target(often referred to as Reconnaissance) is atacticbecause it represents a high-level objective of understanding the target. The other options provided (persistence, phishing, privilege escalation) are specifictechniquesused to achieve the broader goals or tactics.

NEW QUESTION 21
The following list contains examples of Tactics, Techniques, and Procedures (TTPs):
* 1. Exploiting a remote service
* 2. Lateral movement
* 3. Use EternalBlue to exploit a remote SMB server In which order are they listed below?

A. Tactic, Technique, Procedure
B. Procedure, Technique, Tactic
C. Technique, Tactic, Procedure
D. Tactic, Procedure, Technique

Answer: A

Explanation:
The examples provided correspond to Tactics, Techniques, and Procedures (TTPs) in the following order:
? Lateral movement– This is aTactic. Tactics represent the goals or objectives of an adversary, such as moving laterally within a network to gain broader access.
? Exploiting a remote service– This is aTechnique. Techniques are specific methods used to achieve a tactic, such as exploiting a service to move laterally.
? Use EternalBlue to exploit a remote SMB server– This is aProcedure. Procedures are the detailed steps or specific implementations of a technique, such as using the EternalBlue exploit to target SMB vulnerabilities.
Thus, the correct order isTactic, Technique, Procedure.

NEW QUESTION 23
What device typically sits at a network perimeter to detect command and control and other potentially suspicious traffic?

A. Host-based firewall
B. Web proxy
C. Endpoint Detection and Response
D. Intrusion Detection System

Answer: D

Explanation:
AnIntrusion Detection System (IDS)typically sits at the network perimeter and is designed to detect suspicious traffic, including command and control (C2) traffic and other potentially malicious activities.
? Intrusion Detection Systems:
? Incorrect Options:
? Network Security Practices:IDS implementation is a standard practice for perimeter security to detect early signs of network intrusion.

NEW QUESTION 26
The field file_acl contains access controls associated with files affected by an event. In which data model would an analyst find this field?

A. Malware
B. Alerts
C. Vulnerabilities
D. Endpoint

Answer: D

Explanation:
Thefile_aclfield, which contains access controls associated with files affected by an event, is part of theEndpointdata model in Splunk. The Endpoint data model is designed to include information related to file access, process activity, and user activity on endpoints. Fields likefile_aclare critical for understanding permissions and potential security risks associated with file access and manipulation, which are key aspects of endpoint security monitoring.

NEW QUESTION 30
Tactics, Techniques, and Procedures (TTPs) are methods or behaviors utilized by attackers. In which framework are these categorized?

A. NIST 800-53
B. ISO 27000
C. CIS18
D. MITRE ATT&CK

Answer: D

Explanation:
The MITRE ATT&CK framework categorizes Tactics, Techniques, and Procedures (TTPs) used by attackers. It is a globally accessible knowledge base of adversarial tactics and techniques based on real-world observations, and it is widely used by cybersecurity professionals to understand and defend against various cyber threats.
? Tactics, Techniques, and Procedures (TTPs):
? MITRE ATT&CK Framework:MITRE ATT&CK organizes these TTPs into a matrix that reflects different stages of an attack lifecycle, from initial access to exfiltration. The framework helps security teams by:
? Why MITRE ATT&CK:Unlike compliance-focused frameworks like NIST 800-53 or ISO 27000, which provide security controls and best practices, MITRE ATT&CK is specifically focused on the behavior of adversaries. This focus makes it an invaluable resource for understanding how attacks unfold and how to counteract them.
? MITRE ATT&CK Website:The official site provides detailed information on each tactic and technique, along with examples of how they have been used in real-world attacks.
? Threat Intelligence Platforms:Many platforms integrate with MITRE ATT&CK, providing enhanced detection and response capabilities by mapping security events to the framework.
? Security Research Papers:Numerous papers and reports analyze specific attacks using the ATT&CK framework, offering insights into its practical applications in cybersecurity defense.
References:MITRE ATT&CK is a foundational tool in modern cybersecurity, providing a detailed and actionable understanding of adversary behaviors that can be directly applied to enhance an organization's defensive posture.

NEW QUESTION 31
A threat hunter executed a hunt based on the following hypothesis:
As an actor, I want to plant rundll32 for proxy execution of malicious code and leverage Cobalt Strike for Command and Control.
Relevant logs and artifacts such as Sysmon, netflow, IDS alerts, and EDR logs were searched, and the hunter is confident in the conclusion that Cobalt Strike is not present in the company??s environment.
Which of the following best describes the outcome of this threat hunt?

A. The threat hunt was successful because the hypothesis was not proven.
B. The threat hunt failed because the hypothesis was not proven.
C. The threat hunt failed because no malicious activity was identified.
D. The threat hunt was successful in providing strong evidence that the tactic and tool is not present in the environment.

Answer: D

Explanation:
A threat hunt is an iterative process where a hypothesis is developed and tested against data in an environment to detect the presence of threats or adversarial tactics, techniques, and procedures (TTPs).
? Understanding the Hypothesis:
? Search and Analysis:
? Evaluation of the Hypothesis:
? Successful Threat Hunt:
? MITRE ATT&CK Framework:Understanding how threat actors utilize tactics like Cobalt Strike for C2 can be aligned with TTPs in the framework, helping to build effective hypotheses.
? Threat Hunting Resources:Books like "The Threat Hunter's Handbook" often describe scenarios where proving a negative (i.e., the absence of a threat) is a valid and successful outcome of a hunt.
Outcome of the Threat Hunt:References:

NEW QUESTION 34
Which of the following data sources can be used to discover unusual communication within an organization??s network?

A. EDS
B. Net Flow
C. Email
D. IAM

Answer: B

Explanation:
NetFlow data is a powerful data source for monitoring and analyzing network traffic patterns within an organization. It provides detailed information about the flow of data between devices on a network, including source and destination IP addresses, ports, and protocols. By analyzing NetFlow data, security analysts can detect unusual communication patterns that may indicate malicious activity, such as lateral movement, data exfiltration, or communication with command and control servers. Other options like EDS (Endpoint Detection Systems), Email, and IAM (Identity and Access Management) are also valuable, but NetFlow is specifically designed for network traffic analysis.
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NEW QUESTION 36
Which field is automatically added to search results when assets are properly defined and enabled in Splunk Enterprise Security?

A. asset_category
B. src_ip
C. src_category
D. user

Answer: C

Explanation:
In Splunk Enterprise Security, when assets are properly defined and enabled, the fieldsrc_categoryis automatically added to search results. This field categorizes the source IP addresses according to their asset classification, which helps in analyzing and filtering search results based on the type of assets involved in an event. Proper asset and identity management within Splunk ES enhances the ability to contextualize and prioritize security incidents.

NEW QUESTION 40
While the top command is utilized to find the most common values contained within a field, a Cyber Defense Analyst hunts for anomalies. Which of the following Splunk commands returns the least common values?

A. least
B. uncommon
C. rare
D. base

Answer: C

Explanation:
In Splunk, therarecommand is used to return the least common values in a field. This command is particularly useful for anomaly detection, as it helps identify unusual or infrequent occurrences in a dataset, which may indicate potential security issues.
? rare Command:
? Incorrect Options:
? Splunk Command Documentation:rare command usage for identifying uncommon values.

NEW QUESTION 43
An analysis of an organization??s security posture determined that a particular asset is at risk and a new process or solution should be implemented to protect it. Typically, who would be in charge of designing the new process and selecting the required tools to implement it?

A. SOC Manager
B. Security Engineer
C. Security Architect
D. Security Analyst

Answer: C

Explanation:
In an organization, theSecurity Architectis typically responsible for designing new processes or selecting the tools necessary to protect assets that are identified as being at risk. The Security Architect has the expertise to design a comprehensive security solution that addresses the specific needs of the organization, considering various factors like existing infrastructure, threatlandscape, and compliance requirements. They work closely with other roles, such as Security Engineers, to implement these solutions.

NEW QUESTION 47
An analyst notices that one of their servers is sending an unusually large amount of traffic, gigabytes more than normal, to a single system on the Internet. There doesn??t seem to be any associated increase in incoming traffic.
What type of threat actor activity might this represent?

A. Data exfiltration
B. Network reconnaissance
C. Data infiltration
D. Lateral movement

Answer: A

Explanation:
? Unusual Traffic Patterns:
? Possible Threat Activities:
Scenario Analysis:Conclusion:Given the evidence of large data transfers to a single external system without corresponding inbound traffic,data exfiltrationis the most likely scenario. This suggests that an adversary has compromised the server and is extracting valuable or sensitive data from the organization.
? Data Exfiltration Techniques:Techniques such as those documented in the MITRE
ATT&CK framework (e.g.,T1041 - Exfiltration Over C2 Channel) detail how attackers move data out of a network.
? Incident Response Playbooks:Many incident response frameworks emphasize monitoring for unusual outbound traffic as a primary indicator of data exfiltration.

NEW QUESTION 50
When searching in Splunk, which of the following SPL commands can be used to run a subsearch across every field in a wildcard field list?

A. foreach
B. rex
C. makeresults
D. transaction

Answer: A

Explanation:
Theforeachcommand in Splunk is used to iterate over a list of fields that match a wildcard expression and apply a subsearch or function to each of them. This is particularly useful when you need to perform an operation across multiple fields dynamically identified by a wildcard pattern. None of the other options (rex,makeresults, ortransaction) are designed for this specific purpose. Theforeachcommand allows for flexible and efficient processing of multiple fields without having to explicitly name them all.

NEW QUESTION 55
An analyst is not sure that all of the potential data sources at her company are being correctly or completely utilized by Splunk and Enterprise Security. Which of the following might she suggest using, in order to perform an analysis of the data types available and some of their potential security uses?

A. Splunk ITSI
B. Security Essentials
C. SOAR

D. Splunk Intelligence Management

Answer: B

Explanation:
Splunk Security Essentials is a powerful tool that an analyst can use to analyze the data types available and understand their potential security uses. It provides a framework for exploring how different data sources can be leveraged within Splunk to enhance security monitoring and detection capabilities.
? Splunk Security Essentials:This app is designed to help users maximize the value
of their data by providing examples of security use cases, detection searches, and best practices tailored to the available data sources. It offers a comprehensive overview of how various types of data can be used within Splunk, making it easier for analysts to identify gaps in data utilization.
? Data Source Analysis:Through Splunk Security Essentials, an analyst can:
? Why Security Essentials:This tool is particularly useful for organizations looking to ensure that they are fully utilizing their available data within Splunk Enterprise Security. It provides actionable insights and examples that can help analysts fine- tune their security operations and improve threat detection.
? Splunk Security Essentials Documentation:The official documentation provides detailed instructions on how to use the app to analyze data sources and implement best practices for security monitoring.
? User Community Discussions:Many Splunk users share their experiences and strategies for using Security Essentials to optimize their security posture in forums and blogs.

NEW QUESTION 59
An analyst would like to test how certain Splunk SPL commands work against a small set of data. What command should start the search pipeline if they wanted to create their own data instead of utilizing data contained within Splunk?

A. makeresults
B. rename
C. eval
D. stats

Answer: A

Explanation:
Themakeresultscommand in Splunk is used to generate a single-row result that can be used to create test data within a search pipeline. This command is particularly useful for testing and experimenting with SPL commands on a small set of synthetic data without relying on existing logs or events in the Splunk index. It is commonly used by analysts who want to test commands or SPL syntax before applying them to real data.

NEW QUESTION 60
The Security Operations Center (SOC) manager is interested in creating a new dashboard for typosquatting after a successful campaign against a group of senior executives. Which existing ES dashboard could be used as a starting point to create a custom dashboard?

A. IAM Activity
B. Malware Center
C. Access Anomalies
D. New Domain Analysis

Answer: D

Explanation:
For creating a custom dashboard focused on typosquatting, theNew Domain Analysisdashboard in Splunk Enterprise Security (ES) would be a relevant starting point. Typosquatting typically involves the registration of domains similar to legitimate domains to deceive users, which is closely related to the analysis of newly registered or observed domains. This dashboard already includes tools and visualizations for monitoring and analyzing domain name activity, which can be adapted for the specific needs of monitoring for typosquatting.

NEW QUESTION 64
According to Splunk CIM documentation, which field in the Authentication Data Model represents the user who initiated a privilege escalation?

A. username
B. src_user_id
C. src_user
D. dest_user

Answer: C

Explanation:
According to Splunk CIM (Common Information Model) documentation, thesrc_userfield in the Authentication Data Model represents the user who initiated an action, including privilege escalation. This field is used to track the source user responsible for generating an authentication event, which is critical in understanding and responding to potential security incidents involving privilege escalation. The other fields likedest_userorusernamehave different roles, focusing on the target of the action or the general username involved.
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NEW QUESTION 68
The eval SPL expression supports many types of functions. Which of these function categories is not valid with eval?

A. JSON functions
B. Text functions
C. Comparison and Conditional functions
D. Threat functions

Answer: D

Explanation:

TheevalSPL expression in Splunk supports several categories of functions, includingJSON functions(e.g.,spath),Text functions(e.g.,substr,trim), andComparison and Conditional functions(e.g.,if,case). However,Threat functionsis not a valid category within theevalcommand. Theevalcommand is primarily used for transforming and manipulating data in various ways, but it does not include a category specifically for threat-related functions.

NEW QUESTION 70
Upon investigating a report of a web server becoming unavailable, the security analyst finds that the web server??s access log has the same log entry millions of times: 147.186.119.200 - - [28/Jul/2023:12:04:13 -0300] "GET /login/ HTTP/1.0" 200 3733
What kind of attack is occurring?

A. Denial of Service Attack
B. Distributed Denial of Service Attack
C. Cross-Site Scripting Attack
D. Database Injection Attack

Answer: A

Explanation:
The log entry showing the same request repeated millions of times indicates aDenial of Service (DoS) Attack, where the server is overwhelmed by a flood of requests to a specific resource, in this case, the/login/page. This type of attack is aimed at making the server unavailable to legitimate users by exhausting its resources.
? Denial of Service Attack:
? Incorrect Options:
? Web Server Security:Understanding DoS attacks is critical for securing web servers and mitigating these types of disruptions.

NEW QUESTION 72
A Risk Notable Event has been triggered in Splunk Enterprise Security, an analyst investigates the alert, and determines it is a false positive. What metric would be used to define the time between alert creation and close of the event?

A. MTTR (Mean Time to Respond)
B. MTBF (Mean Time Between Failures)
C. MTTA (Mean Time to Acknowledge)
D. MTTD (Mean Time to Detect)

Answer: A

Explanation:
In incident response and cybersecurity operations, Mean Time to Respond (MTTR) is a key metric. It measures the average time it takes from when an alert is created to when it is resolved or closed. In the scenario, an analyst identifies a Risk Notable Event as a false positive and closes it; the time taken from the alert's creation to its closure is what MTTR measures. This metric is crucial in understanding how efficiently a security team responds to alerts and incidents, thus contributing to overall security posture improvement.

NEW QUESTION 73
Which of the following is not a component of the Splunk Security Content library (ESCU, SSE)?

A. Dashboards
B. Reports
C. Correlation searches
D. Validated architectures

Answer: D

Explanation:
The Splunk Security Content library, which includes apps like ESCU (Enterprise Security Content Update) and SSE (Splunk Security Essentials), primarily consists of Dashboards, Reports, and Correlation Searches.Validated architecturesare not a component of these content libraries. Instead, validated architectures refer to predefined, best-practice designs for deploying and configuring Splunk in a way that ensures optimal performance and scalability,which is separate from the content libraries focused on delivering security detections and visualizations.
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NEW QUESTION 75
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